

FORM PTO-1390
(REV 07-2005)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.
59553.00019TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

DATE: January 24, 2006

U.S. APPLN. NO.
(IF KNOWN, SEE 37 C.F.R. 1.5)
10/560,284INTERNATIONAL APPLICATION NO.
PCT/GB2004/002417INTERNATIONAL FILING DATE
June 7, 2004PRIORITY DATE CLAIMED
June 11, 2003

TITLE OF INVENTION: METHOD OF MANUFACTURING DOPED SUPERCONDUCTING MATERIALS

APPLICANT(S) FOR DO/EO/US: Colin David TARRANT, Kelvin Robert SCHNEIDER, David Anthony CARDWELL, Nadendla Hari BABU

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
(THE BASIC FILING FEE IS ATTACHED)
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9. An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 - 20 below concern other document(s) or information included:

11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. Application Data Sheet.
15. A substitute specification.
16. A change of power of attorney and/or address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information: CHECK NO. 13948.

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|--|--------------|---|--------------|---------------------------------|--------------|
| U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) 10/560,284 | | INTERNATIONAL APPLICATION NO. PCT/GB2004/002417 | | ATTORNEY DOCKET NO. 59553.00019 | |
| | | | | DATE: January 24, 2006 | |
| The following fees have been submitted | | | | CALCULATIONS | PTO USE ONLY |
| 21. <input type="checkbox"/> Basic National Fee (37 CFR 1.492(a)).....\$300.00 | | | | \$ | |
| 22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) <ul style="list-style-type: none"> • If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4) \$0.00 • All other situations.....\$200.00 | | | | \$ | |
| 23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) <ul style="list-style-type: none"> • If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 • Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the United States Patent & Trademark Office as an International Search Authority.....\$100.00 • International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400.00 • All other situations.....\$500.00 | | | | \$ | |
| TOTAL OF 21, 22 and 23 = | | | | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)]. | | | | \$ 130.00 | |
| Claims | | Number Filed | Number Extra | Rate | |
| Total Claims | | - 20 = | | X \$ 50.00 | \$ |
| Independent Claims | | - 3 = | | X \$ 200.00 | \$ |
| Multiple dependent claim(s) (if applicable) | | | | + \$360.00 | \$ |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | X \$250.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 130.00 | |
| Reduction by one-half for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27. | | | | \$ 65.00 | |
| SUBTOTAL = | | | | \$ 65.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. + | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$ 65.00 | |
| Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property + | | | | \$ 40.00 | |
| TOTAL FEES ENCLOSED = | | | | \$ 105.00 | |
| | | | | Amount to be refunded | \$ |
| | | | | Charged | \$ |

U.S. APPLN. NO. (IF KNOWN,
SEE 37 C.F.R. 1.50) 10/560,284

INTERNATIONAL APPLICATION
NO. PCT/GB2004/002417

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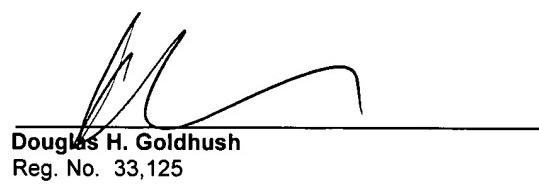
DATE: January 24, 2006

- a. A check in the amount of \$105.00 to cover the above fees is enclosed. Ck No. 13948.
- b. Please charge Counsel's Deposit Account No. 50-2222 in the amount of \$_____ to cover the above fee.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
Counsel's Deposit Account No. 50-2222.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive
[37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number 32294
SQUIRE, SANDERS & DEMPSEY LLP
8000 Towers Crescent Drive
14th Floor
Tysons Corner, Virginia 22182-2700
Telephone: 703-720-7800
Fax: 703-720-7802



Douglas H. Goldhush
Reg. No. 33,125